

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

Exhibit 5 to Complaint

Map of MVP Parcel No. NC-AL-000.045

EXHIBIT A

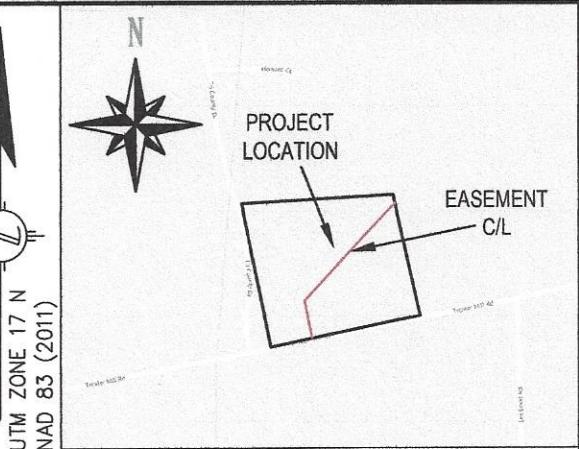
NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1097,1281 PAGE 147,871
5. PARCEL ID: 155661
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

(NC-AL-000.030)

N/F

LONNIE MELFORD
WILLIAMS, II AND WIFE
MICHELLE LYNN WILLIAMS
DEED BOOK 1870, PAGE 214



(NC-AL-000.045)

LARRY WAYNE PINNIX

DEED BOOK 1097; 1281, PAGE 147; 871
PARCEL ID. NO. 155661

ADDITIONAL
TEMPORARY
WORKSPACE
 $0.52 \pm$ ACRES
 $22,761 \pm$ SQ. FEET

TEMPORARY
WORKSPACE
 $0.49 \pm$ ACRES
 $21,144 \pm$ SQ. FEET

PERMANENT
EASEMENT
 $0.78 \pm$ ACRES
 $33,871 \pm$ SQ. FEET

TEMPORARY
WORKSPACE
 $0.25 \pm$ ACRES
 $10,853 \pm$ SQ. FEET

LEGEND

	NGS MONUMENT
	EXISTING IRON PIPE OR PIN
	IRON PIN SET
	COMPUTED POINT
	LINE NOT TO SCALE
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PERMANENT EASEMENT
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
	POSSIBLE TEMPORARY WORKSPACE

POINT OF BEGINNING
N:13,160,520.99
E:2,073,362.88

(NC-AL-000.050)

N/F

SOUTH ROCK FARM, LLC
DEED BOOK 3376, PAGE 506

N24°56'26"W
7,352.19' GRID

NGS MONUMENT WADE

A 3 N:13,155,124.48
E:2,078,634.07

CSF:0.99978839

LARRY WAYNE PINNIX

sq. ft. acres

AREA OF PERMANENT EASEMENT: $33,871 \pm$ 0.78 ACRES
AREA OF TEMPORARY WORKSPACE: $31,997 \pm$ 0.74 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE: $22,761 \pm$ 0.52 ACRES
AREA OF ACCESS ROAD: $3,296 \pm$ 0.08 ACRES
feet rods

CENTERLINE OF EASEMENT: $677 \pm$ 41.06±
CENTERLINE OF ACCESS ROAD: $116 \pm$ 7.03±
SEE SHEET 2 OF 2 FOR LINE TABLES

EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF MORTON
ALAMANCE COUNTY, NORTH CAROLINA

Mountain Valley PIPELINE LLC

Pipeline Easement in Property of
LARRY WAYNE PINNIX

NC-AL-000.045
DEED BOOK 1097; 1281, PAGE 147; 871

NC-AL-000.045

Drawn By:	Chkd By:	Appd By:	IRC Proj. No.	Scale:
AHP			300423	1"=100'
Drawn Date:				MVP Proj. No.
1/28/19	DD	TWK		
			Sheet: 1 OF 2	

100 50 0 100
GRAPHIC SCALE IN FEET

REVISIONS

B	3/5/2019	DJB	UPDATED OWNER INFO	DD
1	4/09/2020	MSF	GENERAL REVISIONS	DD
2	4/30/2020	DD	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description	Checked

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1097,1281, page 147,871; that the ratio of precision as calculated is 1:10,000+; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 30th day of April, 2020

THOMAS WARNER KIMMEL, PLS

L 3674

LAND
OWNER
INITIALS: _____

DATE: _____



TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

EXHIBIT A

PERMANENT EASEMENT		
LINE	BEARING	DISTANCE
L1	S78°18'18"W	50.00'
L2	N11°23'03"W	163.91'
L3	N42°40'46"E	556.63'
L4	S12°21'50"E	61.01'
L5	S42°40'46"W	496.17'
L6	S11°23'03"E	138.13'

TEMPORARY WORKSPACE		
LINE	BEARING	DISTANCE
L7	S78°18'18"W	15.00'
L8	N11°23'03"W	171.65'
L9	N42°40'46"E	551.99'
L10	N86°40'46"E	18.91'
L11	S12°21'50"E	2.28'
L12	S42°40'46"W	556.63'
L13	S11°23'03"E	163.91'
L14	N11°23'03"W	138.13'
L15	N42°40'46"E	496.17'
L16	S12°21'50"E	42.70'
L17	S42°40'46"W	208.25'
L18	S42°40'46"W	245.59'
L19	S11°23'03"E	96.55'
L20	S11°23'03"E	23.53'
L21	S78°18'18"W	35.00'

ADDITIONAL TEMPORARY WORKSPACE		
LINE	BEARING	DISTANCE
L22	N11°23'03"W	96.55'
L23	N42°40'46"E	245.59'
L24	S47°19'15"E	75.00'
L25	S42°40'46"W	122.94'
L26	S42°40'47"W	26.85'
L27	S42°40'46"W	57.54'
L28	S11°23'03"E	57.49'
L29	S78°00'19"W	75.00'

ACCESS ROAD EASEMENT		
LINE	BEARING	DISTANCE
L30	S25°56'36"E	38.02'
L31	S17°58'22"E	78.02'

SEE SHEET 1 OF 2 FOR GRAPHICS AND LABELS

EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF MORTON
ALAMANCE COUNTY, NORTH CAROLINA



PIPELINE EASEMENT IN PROPERTY OF
LARRY WAYNE PINNIX

NC-AL-000.045
DEED BOOK 1097; 1281, PAGE 147; 871

Drawn By:	Chk'd By:	Appd By:	IRPC Proj. No.	Scale:
AHP			300423	NTS
Drawn Date:			Sheet:	
1/28/19	DD	TWK	2 OF 2	MVP Proj. No.

REVISIONS

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No.	Date	Rev By	Description	Checked



LAND
OWNER
INITIALS: _____

DATE: _____

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.